



Institut Mines-Télécom



TOGETHER FOR A SUSTAINABLE FUTURE



Institut Mines-Télécom (IMT) is a French Federal Institute of technological universities of science and management for sustainable economic development under the authority of the French Ministry of the Economy, Finance and Industrial and Digital Sovereignty. IMT federates IMT Atlantique, IMT Mines Albi, IMT Mines Alès, IMT Nord Europe, Institut Mines-Télécom Business School, Mines Saint-Etienne, Télécom Paris, Télécom SudParis, and subsidiaries EURECOM and InSIC.

À TRAILBLAZER IN 1816... STILL LEADING THE FIELD TODAY

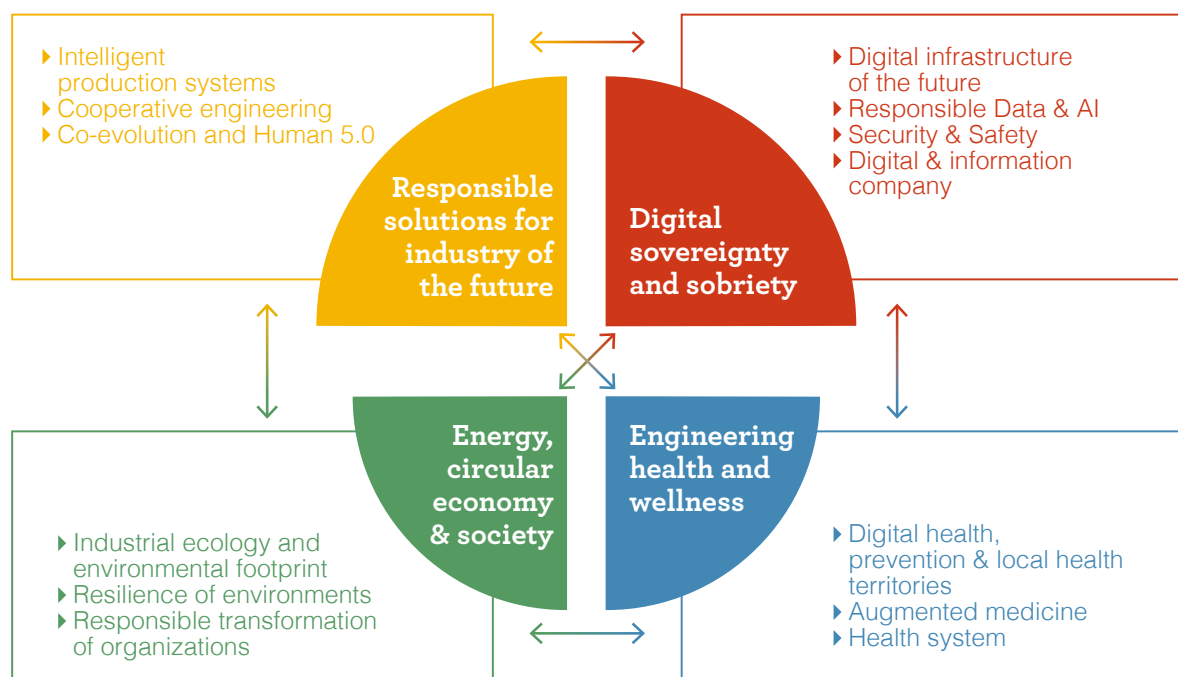
Our universities are what are known in France as *Grandes Écoles*: an elite higher-education track created in the 19th century to drive economic development through industry and commerce. In the 20th century, new universities were created to teach business and modern science and technology.

Due to its federal structure, IMT does not feature in international rankings. However, all our member universities are graded A/A+ in French national rankings.

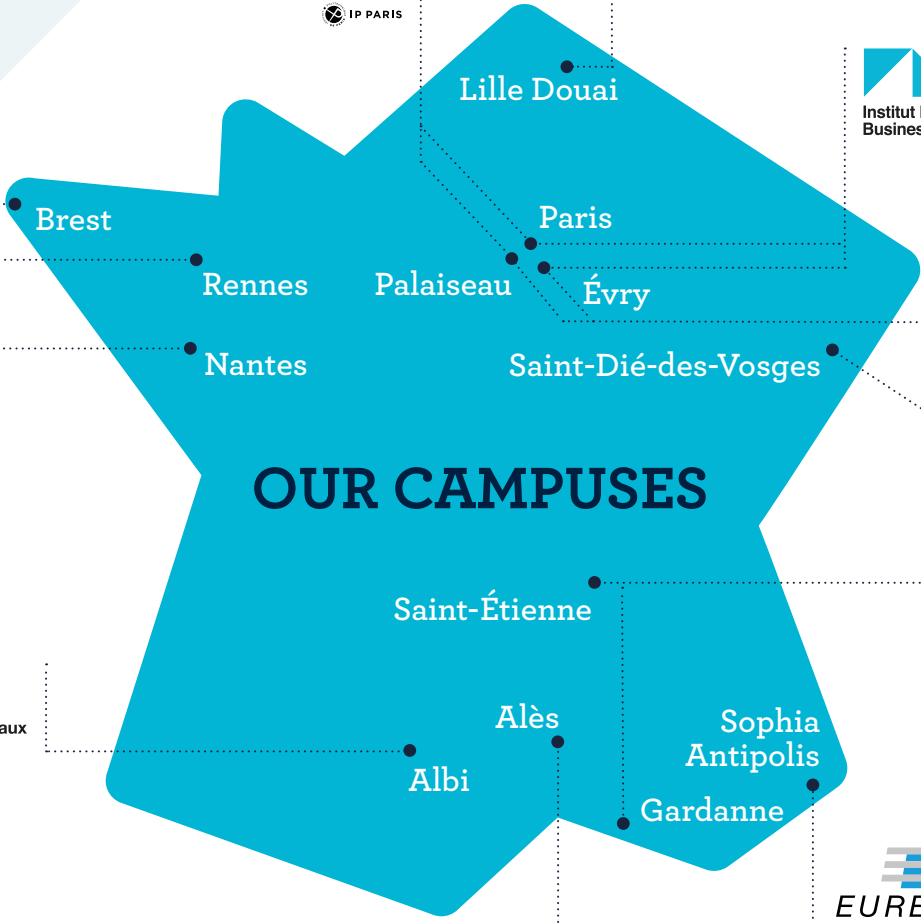
IMT targets four strategic themes to create alignment and engagement around measurable and ambitious goals to:

- ▶ Respond to **new and evolving training demands**, including lifelong learning
- ▶ Conduct advanced research to answer the needs of **strategic industrial sectors and public policies**
- ▶ Take an active part in **regional development** policy and support **business transformation**
- ▶ Bring structure to **local, national and European partnerships** to leverage key resources
- ▶ Place **sustainability and climate change** at the heart of our actions

All of Institut Mines-Télécom's activities contribute to the overall thematic positioning based on **four strategic themes** and their interactions.



OUR CAMPUSES



INSTITUT MINES-TÉLÉCOM IN NUMBERS

13,600 students including
10,670 in engineering/management
and **1,190** PhDs.*

Over 3,900 international students.*

50 programs taught in English and
over **100** taught in French
(MSc in Engineering).

500 international partnerships
in over **70** countries.

2,900 professor-researchers, research
engineers and doctoral students.*

2 Carnot Institutes ;
almost **60** teaching and research chairs.*

More than **8,500** corporate partnerships.

* in 2022

OUR PROGRAMS (TAUGHT IN FRENCH AND ENGLISH)

■ **MASTER OF SCIENCE
IN ENGINEERING
DIPLOME D'INGÉNIEUR**

Provides a major in engineering
with a minor in the indicated
field of study.

◆ **MASTER OF SCIENCE**
Focuses on the indicated
field of study as a major.

● **POST MASTER**

Enables Master's holder
to gain specialized skills
in the indicated field of study.

	Applied Mathematics	Civil Engineering	Electronics	Energy	Environment	Health	Industrial Engineering	Information and Communication Technology	Materials	Engineering Mechanics	Nuclear	Social Sciences and Economics
IMT Atlantique	■		■	■◆	■◆	■	■◆	◆	■●		■◆	■
IMT Mines Albi			■	■	■◆	■●	■	■●				
IMT Mines Alès		■	■	■◆		■	■	■				
IMT Nord Europe		■◆	■	■		●■	■	■◆	■			
Institut Mines-Télécom Business School		◆										◆
Mines Saint-Étienne	■		■	■	■	■	■	■	■	■		
Télécom Paris	■		■				■					■
Télécom SudParis	■		■				■					
EURECOM							●■◆					
InSIC	■	■		■	■		■	■	■			

IMT's ambitious program for **the digital transformation of higher education** includes the development of an international portfolio of online courses. So far, our 32 online courses hosted by FUN, Coursera and edX have reached more than 1.7 million learners in 170 countries. We support the program with our own combined resources plus an annual €1m grant from the Patrick and Lina Drahi Foundation (2014–2024).

INNOVATING FOR IMPACT

The strategic mission of IMT is to **support economic development** nationally and internationally through **innovation for businesses**.

We follow three paths to innovation:

- ▶ **Partnership research projects**, either financed by businesses or run in partnership with them
- ▶ **Technology transfer**, including in technology platforms operated by IMT technological universities
- ▶ **Student internships, missions, and projects** in collaboration with businesses.

We also promote entrepreneurship through an extended **network of technology incubators**. Over **80 start-ups** « graduate » from our technological universities' incubators each year, with 80% reaching the five-year mark. Some of the most successful ones work on IoT or cybersecurity like Cybershen or Sentryo recently bought by Cisco.

Numerous IMT alumni work in international R&D in the top companies in France and in the world.

IDEAS MADE FOR TOMORROW

IMT is organized in 10 scientific communities dispatched in 55 research centers of excellence covering engineering (smart manufacturing, production systems, additive manufacturing), IT (AI, Data analytics, cybersecurity, ...) smart networks, material sciences, e-health, energy and resources, economics, social sciences and management.

IMT is a major player on the European stage, **with over 50 European projects and 11 European Research Councils (ERC) grants** so far, and as a member of all the **public-private partnerships (PPPs)** in relevant research fields (**AI & big data, smart networks, materials, manufacturing, etc.**).

We rank among the top ten French higher education and research institutions in terms of per-capita funding received from the European Commission within the framework of Horizon Europe.

We play an active role in French national research alliances and research networks, and are a founding member of the *Alliance Industrie du Futur*, the French global initiative to unleash the industry of the future in all industrial value-chains. Every year, more than 400 PhD students graduate from IMT and our faculty file almost **60 patents** and advance science with over **2000 publications**.

Whether for education or research, IMT is recognized as a leading French higher education institution in Europe.

KEY IMT INITIATIVES ON THE GLOBAL STAGE

Institut Mines-Télécom Dakar

In partnership with the Campus Franco-Sénégalais (CFS) and Eurocham Sénégal, IMT is offering **bachelor-level courses** to train the qualified middle managers that Africa needs to support the **digital transformation of companies and organizations**. Based on a hybridization of engineering sciences and management, IMT's Bachelor has strong roots in the regional economy and focuses on digital technology, frugal innovation and agile processes. The **Edulab IMT** offers a very central Dakar location for courses, innovation workshops, showcases and conferences.

German-French Academy for the Industry of the Future

Founded by IMT and the German Technical University of Munich (TUM), the German-French Academy for the Industry of the Future advances the digital transformation and competitiveness of industry. It focuses on **joint research, education and innovation on industry 4.0** scope (AI, cybersecurity, advanced manufacturing, etc.). The Academy fosters close collaboration with industrial partners by addressing their key emerging research topics and providing new and innovative forms of cooperation in higher education to answer new industry skill and know-how demand.

Data science for Europe

Created and run by IMT, **TeraLab** is a research and innovation «trusted third-party» platform that provides a sovereign, secure and neutral environment and state-of-the-art tools for collaboration between businesses and researchers. Designed to accelerate AI, Big Data and IoT projects, TeraLab provides technical and legal advice along with infrastructure resources and support from specialists to experiment and prototype products and services. Since 2014, Teralab provided services to 80+ research and innovation projects and supported 300+ entities in sectors like Digitalization of Industry, Health, e Government, Energy, Smart cities, Logistics, Mobility, and so on..

Directly linked to TeraLab, **the European GAIA-X initiative lays the foundations for a European cloud for data sovereignty and interoperability.**

WHY STUDENTS CHOOSE INSTITUT MINES-TÉLÉCOM

Through our longstanding tradition of **academic excellence** and **high admission standards**, we offer students a learning experience that is unique in France :

- **Multicultural campuses** with 30+% international students
- **Compact, individual universities** with full student and international services on each campus
- **State-of-the-art infrastructure** including individual accommodation, workstation hubs, professional software licenses, libraries and fully equipped research centers
- **Scholarship opportunities** from IMT itself, businesses and the Eiffel scholarship program
- **Strong links with the corporate world** (including Fortune Global 500 companies) through paid internships, training collaborations, research contracts and technology transfer
- Some of the **highest rates of post-graduation employment and remuneration in France**, with almost 90% placement within six months of graduation
- **Extensive, dynamic and influential alumni network** providing paid internships, job offers, careers reorientation, access to information and corporate partnerships for our schools



A SUSTAINABLE FUTURE AT THE HEART OF IMT'S STRATEGY

« All together to imagine and build a sustainable future, and train its key stakeholders. »

Institut Mines-Télécom has formally outlined its strategy for sustainable future in an ambitious roadmap. Based on a wide range of actions, broken down into five main goals, the entire IMT community will actively contribute to **a major internal transformation, which will also include business and industry partners**. IMT also promotes sustainable practices within its campuses (energy-efficient infrastructure, waste management, eco-friendly transportation, awareness campaigns in adopting sustainable behaviors...).

A group in motion and in action

IMT organizes regular events around education and pedagogy and leads collaboration between faculty and staff, students, alumni, companies and public authorities. These events focus on **design and teaching activities** that include socio-ecological issues to build awareness and facilitate the **emergence of impactful solutions**.

- ▶ **Summer school:** workshops to help **research faculty** update their practices taking into account environmental concerns (80 participants in 2022)
- ▶ **Forum:** annual interactive conference that questions the role of engineers and their relationship to technology (the 2023 biodiversity theme gathered more than 2000 students simultaneously)
- ▶ **Challenge:** linking economic development to ecology, students work in multidisciplinary teams on projects around sustainable innovation and low-tech approaches (4 days working hand in hand with companies)



A EUROPEAN ALLIANCE TO FIND NEW SUSTAINABLE SOLUTIONS



The **European University Initiative** is one of the flagship initiatives funded by the EU Commission to build a European Education Area, aimed at removing barriers to learning and improving access to quality education for all.

Within this initiative, European Universities are envisaged as **future-oriented, transnational alliances** characterized by the inclusion of partners from all forms of higher education and from a geographically diversified range, **who jointly pursue a long-term strategy in the sense of sustainability and European values.**

A special focus is placed on transnational mobility, which should be made possible for students and academics and administrative staff on all levels.

IMT is a full member of a European University Alliance of 10 European **Universities Linking Society and Technology (EULiST).**

Innovation, transition, sustainability are key words for EULiST universities:

Brno University of Technology, *Czech Republic (BUT)* | Institut Mines-Télécom, *France (IMT)* | Jönköping University, *Sweden (JU)* | Lappeenranta-Lahti University of Technology, *Finland (LUT)* | Leibniz University Hannover, *Germany (LUH)* | National Technical University of Athens, *Greece (NTUA)* | Rey Juan Carlos University, *Spain (URJC)* | Slovak University of Technology in Bratislava, *Slovakia (STU)* | University L'Aquila, *Italy (UNIVAQ)* | Vienna University of Technology, *Austria (TUW)*

EULiST focuses on:

- ▶ initiating **projects and research** to address **societal changes** and find a path for both **digital and green transitions.**
- ▶ developing **innovative, flexible and interactive teaching formats** integrating **cutting-edge research**
- ▶ combining technology with **cross-cutting themes** such as ethics and inclusion
- ▶ involving different stakeholders (industry, decision-makers and citizens) and promoting **social cohesion** both at the local and European levels



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